

Message Text

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ACTION NEA-10

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LIMITED OFFICIAL USE NEW DELHI 6036

E.O. 11652: N/A
TAGS: TSPA, IN,
SUBJECT: PROPOSED BUDGET FOR THE DEPARTMENT OF SPACE

REF: NEW DELHI A-58 DATED APRIL 7, 1977

1. SUMMARY: THE "DEMANDS FOR GRANTS OF THE DEPARTMENT OF SPACE 1977-1978" JUST PUBLISHED PRESENTS THE PROPOSED EXPENDITURES FOR 1977-1978 AS WELL AS THE ACTUAL EXPENDITURES FOR 1976-1977. THE PARLIAMENT MUST PASS THIS BUDGET WHICH SHOWS SOME INCREASE OVER LAST YEAR'S EXPENDITURES. THE DEVELOPMENT OF THE SATELLITE LAUNCH VEHICLE IS CONTINUING, SMALL SUMS ARE BEING SPENT FOR LIQUID ROCKET DEVELOPMENT, AND ONLY A TOKEN SUM IS BEING PROVIDED FOR THE INDIAN NATIONAL SATELLITE (INSAT) UNTIL THE PROJECT RECEIVES A "GO AHEAD" BY THE NEW GOVT. END SUMMARY.

2. SOME KEY ITEMS IN THE BUDGET ARE NOTED IN THE TABLE BELOW. CAPITAL EXPENDITURES ARE DIFFERENTIATED FROM OPERATIONS WHICH INCLUDE MANPOWER AND CONSUMABLES. ALL FIGURES ARE IN CRORES. (RUPEES 1 CRORE EQUALS DOLS 1.1 MILLION.)

ITEM	1977-78	1976-77
	TOTAL	TOTAL
TOTAL	46.0	41.1

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R&D		
SPACE TECHNOLOGY	19.9	15.6
SPACE APPLICATION	2.8	3.6
SPACE SCIENCES	1.7	1.5
SATELLITE LAUNCH		
VEHICLE PROJECT (CAPITAL)	0.3	0.2
(OPERATIONS)	3.6	5.2

VIKAS (OPERATIONS)	0.4	0.6
SHRIKHARIKOTA RANGE		
(CAPITAL)	1.6	2.1
(OPERATIONS)	1.9	1.8

SATELLITE FOR EARTH		
OBSERVATION (SEO)		
(OPERATIONS)	2.6	2.1

3. THE FOLLOWING PROJECT DESCRIPTIONS AND BUDGET ANALYSIS ARE EXCERPTS FROM THE DEPARTMENT OF SPACE'S PRESENTATION:

(A) "SATELLITE LAUNCH VEHICLE (SLV-3) PROJECT: THIS PROJECT ENVISAGES INDIGENOUS DEVELOPMENT OF SATELLITE LAUNCH CAPABILITY FOR PLACING A SCIENTIFIC SATELLITE OF 40 KG WEIGHT IN A 400 KM NEAR-CIRCULAR ORBIT AROUND THE EARTH BY EARLY 1979. THE REVISED COST OF THE PROJECT IS (DOLS 23 MILLION).".

(B) "VIKAS PROJECT: RELATES TO THE DESIGN AND DEVELOPMENT OF ROCKET ENGINES AND THE MANUFACTURE OF SPECIAL TRANSDUCERS USED FOR TESTING SUCH ENGINES". THIS PROJECT IS TO DEVELOP LIQUID ROCKET CAPABILITY. ROBERT BLANC, FRENCH SPACE PROGRAM (CNES - SEE REFAIR) SAID THAT THERE ARE SEVERAL INDIANS WORKING WITH CNES TO LEARN THE ART OF LIQUID ROCKETS. HE SAID THE PHASE-OUT OF THE CIVILIAN ROCKET PROGRAM OF CNES MAKES THE TRANSFER OF TECHNOLOGY DIFFICULT. THE FRENCH MILITARY IS NOT AND WILL NOT WORK WITH INDIANS OR OTHER NATIONALS IN THIS FIELD ACCORDING TO BLANC.

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(C) "BUDGET ESTIMATES 1977-78: THE INCREASE OF DOLS 5.5 MILLION OVER THE REVISED IS MANILY DUE TO ADDITIONAL PROVISION FOR (I) VIKRAM SARABHAI SPACE CENTRE FOR ADDITIONAL REQUIREMENTS OF CERTAIN ON-GOING PROGRAMMES, ESTABLISHMENT OF FACILITIES AND NEW RESEARCH DEVELOPMENT PROGRAMMES (DOLS 3.3 MILLION), (II) SATELLITE FOR EARTH OBSERVATIONS AND ROHINI SATELLITE (RS-I) PROJECT, WORK ON WHICH WILL PICK UP MOMENTUM (DOLS 70,000); AND (III) THE TIME-BOUND APPLE PROJECT (DOLS 4.4 MILLION); COUNTER-BALANCED PARTLY BY TAPERING OFF OF EXPENDITURE ON SLV-3 AND COMPLETE OF SITE PROGRAMME DURING 1976-77. THE NEXT BUDGET ALSO INCLUDES A TOKEN PROVISION OF DOLS 11,000 FOR THE SPACE SEGMENT OF INDIAN NATIONAL SATELLITE (INSAT) PENDING A DETAILED STUDY OF THE PROJECT".

4. OF SPECIAL INTEREST IS THE INSAT PROCUREMENT, DOLS 150 TO DOLS 250 MILLION. THE "GO AHEAD" AWAITS THE APPROVAL OF THE NEW GOI. THE TOKEN BUDGET WILL INCREASE BY ORDERS OF MAGNITUDE SINCE ISRO PROVIDES THE PROJECT MANAGEMENT SCHNEIDER

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